

Operating Instructions Digital Audio Player

Model No. **SV-MP100V**
SV-MP110V
SV-MP120V



Dear Customer

Thank you for purchasing this product.
Before connecting, operating or adjusting this product, please read the instructions completely. Please keep this manual for future reference.

Caution

This unit is not waterproof and should not be exposed to excessive moisture.

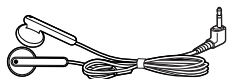
GC GK (En)

Matsushita Electric Industrial Co., Ltd.
Web site: <http://www.panasonic.co.jp/global>

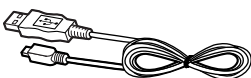
RQTT0665-G
M0105SF0

Supplied accessories

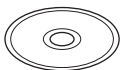
☐ Pair of stereo earphones
—1pc



☐ USB Cable —1pc

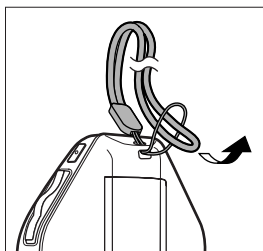


☐ CD-ROM —1pc



☐ Neck lanyard —1pc

Caution: Take care when using the neck lanyard. If used improperly, it can be a choking hazard.



- Windows Media Player (Version 9.0) Free download from <http://www.microsoft.com/downloads/>
- Supports playback of MP3 and WMA (DRM) music files
- Built-in microphone for voice recording
- Built-in FM tuner with recording function
- Portable data storage device (Plugs in directly to your PC)
- Language learning with repetition and comparison.
- Total play list (MUSIC, FM RADIO, IC RECORDER) can contain up to 383 tracks.

These tables show the mode menu items available in the MUSIC, LEARN, FM RADIO, IC RECORDER and SYSTEM modes.

MUSIC

Mode	Options
SOUND	NORMAL/ ROCK/ JAZZ/ POP/ CLASSIC/ USER DEFINE
PLAY	NORMAL/ ALL-REP/ ONE-REP/ RANDOM
INFO.	Information (Artist/ File format/ Bit Rate)
ERASE	SINGLE TRACK/ PLAYLIST/ ALL ERASE

IC RECORDER

Mode	Options
RECORD	HQ/ SP/ LP
SPEED	LOW-NOR
ERASE	SINGLE TRACK/ ALL VOICE

FM RADIO

Mode	Options
AUTO PRESET	Freq. set/ Channel set
BAND STEP	50 kHz/ 100 kHz/ 200 kHz

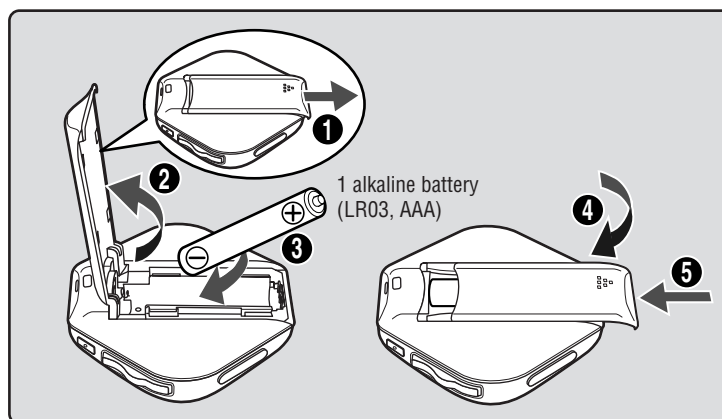
LEARN

Mode	Options
PLAY	NORMAL/ ALL-REP/ ONE-REP
REPEAT SET	TIME/ TRACE/ T.TIME
SPEED	LOW-NOR
ERASE	SINGLE TRACK/ PLAYLIST/ ALL ERASE

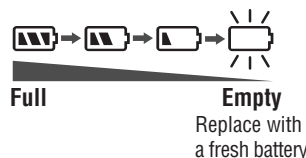
SYSTEM

Mode
LANGUAGE/ AUTO OFF/ BACKLIGHT/ CONTRAST/ SOUND GRAPHIC/ SLEEP TIME

Battery (not included)



Battery indicator



If rechargeable batteries are to be used, rechargeable batteries manufactured by Panasonic are recommended.

• Microsoft, the Microsoft logo, the Windows, Windows logo, Windows NT and Windows Media are either trademarks or registered trademarks of Microsoft Corporation in the United States and other countries.



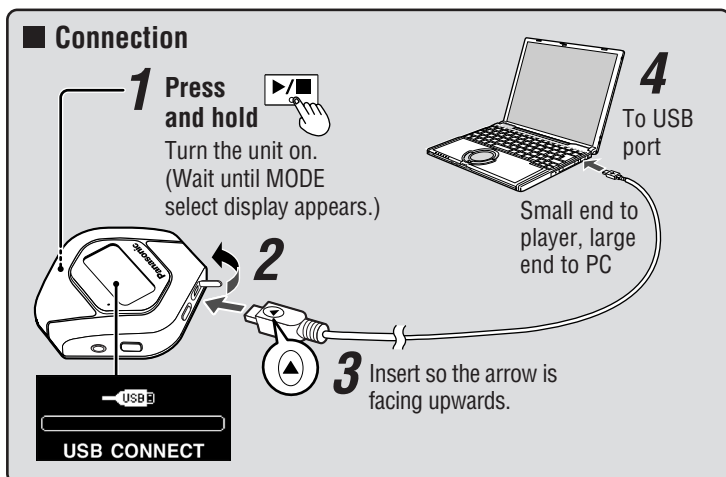
• WMA is a compression format developed by Microsoft Corporation. It achieves the same sound quality as MP3 with a file size that is smaller than that of MP3.

• MPEG Layer-3 audio decoding technology licensed from Fraunhofer IIS and Thomson multimedia.
• Other names of systems and products mentioned in these instructions are usually the registered trademarks or trademarks of the manufacturers who developed the system or product concerned.
The ™ and ® marks are not used to identify registered trademarks and trademarks in these instructions.

System Requirements

- OS: Microsoft® Windows® 98SE, Windows® Me, Windows® 2000 Professional, Windows® XP Home Edition/Professional
Drive: CD-ROM Drive
- The player and USB Driver cannot be used on Microsoft® Windows® 3.1, Windows® 95, Windows® 98, Windows NT® and Macintosh®.
- USB Driver:
- Operation on an upgraded OS is not guaranteed.
 - Operation on an OS other than the one pre-installed is not guaranteed.
 - Multi-CPU or Multi-boot environments are not supported.
 - Only users having system administrator (Administrator) authority can use this software.

Connecting to a computer and downloading files



■ After connection

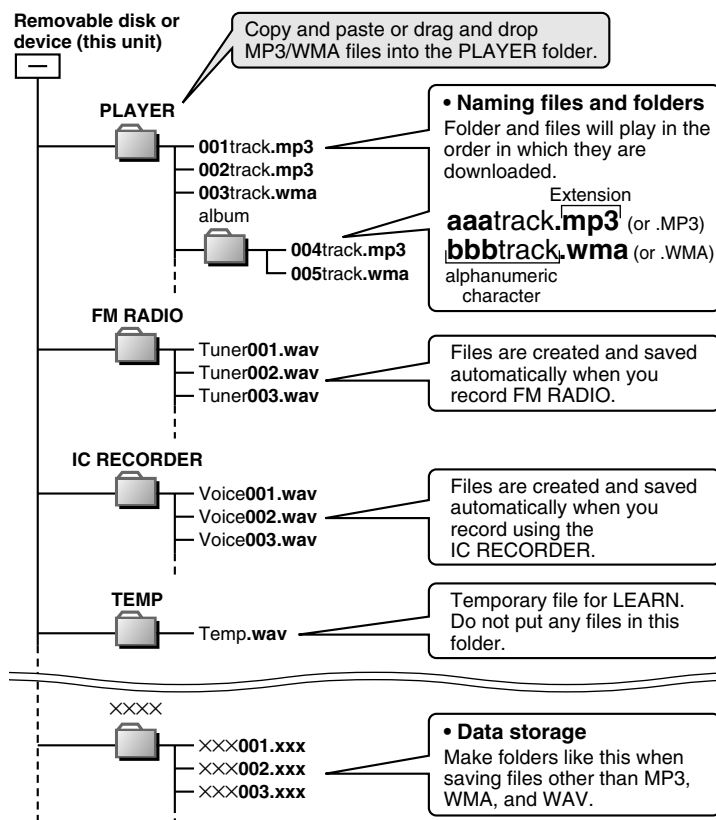
- Windows® ME, 2000, or XP:** The computer automatically finds and installs the driver for the player.
 - Windows® 98SE:** Put the included CD-ROM in your disk drive, then follow the instructions on the computer screen to install the driver.
- The player appears in My Computer or Explorer as a removable disk or device.

■ Downloading MP3 and WMA

- In My Computer or Explorer, open the player's folder (removable disk or device).**
 - Open the PLAYER folder.**
 - Copy and paste or drag and drop the MP3/WMA files from your computer's folder into the PLAYER folder.**
 - "DOWNLOAD" appears on the player's display. When downloading is completed, "USB CONNECT" re-appears.
 - Disconnect the USB cable if instructed to do so in the PC's operating instructions.**
- You can first put files into a new folder and then put that folder into the PLAYER folder. The folders are treated as sublists by the player and the names appear when you select play lists.

- Note**
- The first 20 characters of a file name you create on a computer are displayed on this unit.
 - There are some characters which cannot be displayed due to an embedded font data limitation.
 - Supports MP3 ID3 V1 tags, ID3 V2 tags and WMA tags.
 - If there are no ID3 tags, the display shows the "filename.mp3".
 - You cannot play MP3/WMA files that are in the player through the computer.
 - Ensure the USB cable is kept as straight as possible. Bending it too much may cause an accident.
 - Operation cannot be guaranteed if you use a USB hub or extension cable.
 - ID3 tags will not be displayed correctly if the language of the ID3 tag recorded for the MP3 is different from the language setting for this unit.
 - Compatible with WMA (DRM).
 - The player will turn off when downloading is completed.

Files and Folders Structure display on your computer



- Note**
- Total maximum 383 tracks. Total maximum 20 folders.
 - MP3 / WMA Files put into folders other than the PLAYER folder are erased when you disconnect the USB cable.
 - You cannot upload MP3/WMA files from this unit's PLAYER folder to a computer, but you can erase them.
 - Do not remove the battery while recording with the IC RECORDER or FM RADIO as all the data you were recording at the time will be lost.
 - Using the IC RECORDER as an example, assume the number of recordings has been made up to Voice100. If you delete Voice005 and Voice016, both of these become blank numbers. If you then add a recording it will become Voice005 and the next recording will become Voice016.
 - This unit is compatible with Windows Media Audio 9 (WMA9), however not with WMA9 Professional/Lossless/Voice and MBR※.
 - ※ Multiple Bit Rate: A file that contains the same content encoded at several different bit rates.
 - If you use VBR format MP3 files, some of the unit's functions can not be operated normally.

Saving Data

- The data recorded using this unit's IC RECORDER or FM RADIO can be uploaded to a PC.
- MP3 and WMA files in this unit can't be uploaded to a PC.
- You can use this unit as a removable disk for saving PC data by connecting the USB cable to a PC. (→ left)

HOLD switch

Button operations are ignored. It prevents:

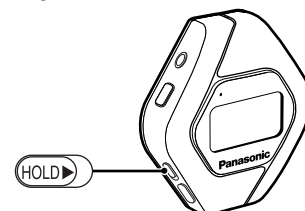
- The unit turning on unexpectedly causing the battery to run down.
- Interruptions to play or recording.



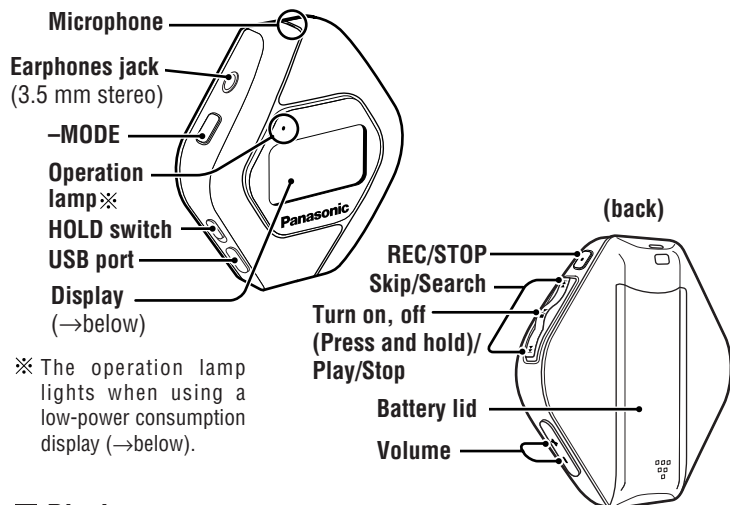
HOLD ON



Release
(before operation)



Location of Controls



Display

Example: MUSIC



Low-power consumption display

- Power consumption is reduced by dimming the brightness of the display's back light. You can set the time until the display changes to a low-power consumption one. (→page 6 "SYSTEM, BACKLIGHT")
- Press any key on the unit to cancel the low-power consumption display. When the back light lights, perform the next operation.

Specifications

Memory size:	SV-MP100V: 128 MB SV-MP110V: 256 MB SV-MP120V: 512 MB
Supported sampling frequency:	MP3 32 kHz, 44.1 kHz, and 48 kHz WMA 8 kHz to 44.1 kHz
Supported bit-rates:	MP3 8 kbps to 320 kbps (128 kbps is recommend) WMA 32 kbps to 192 kbps (96 kbps is recommend)
No. of channels:	Stereo, 2 channels (MUSIC, FM RADIO) Mono, 1 channel (IC RECORDER)
Frequency response:	20 Hz to 20,000 Hz (+0 dB, -6 dB) (MUSIC) 300 Hz to 4,300 Hz (IC RECORDER, HQ mode) 30 dB (IC RECORDER, HQ mode)
Mic S/N:	30 dB (IC RECORDER, HQ mode)
Radio Frequency range (FM):	87.90 MHz to 107.90 MHz (200 kHz steps) 87.50 MHz to 108.00 MHz (50/100 kHz steps)
Output:	4.5 mW + 4.5 mW (16 Ω, M3 jack)
Power supply:	DC 1.5 V (one alkaline battery)
Approximate play times:	13 hours (MUSIC) 7 hours (FM RADIO)
Approximate recording times:	13 hours (IC RECORDER, HQ mode) 7 hours (FM RADIO)
Cabinet dimensions (W×H×D):	53.2 × 61.1 × 17.5 mm
Mass:	41.7 g with battery 30.4 g without battery

- Specifications are subject to change without notice.
- The play time shown depends on operating conditions.
- Mass and dimensions are approximate.
- MB means one million bytes. Useable capacity will be less.
- This product is compatible with the following character code. The display may not appear correctly with other character codes.

Language	Display	Character code
ENGLISH	ENGLISH	Unicode
繁體中文	TRADITION	Unicode Big5
简体中文	SIMPLE	Unicode GB2312
日本語	JAPANESE	Unicode JIS X0208
한글	KOREAN	Unicode CP949
РУССКИЙ ЯЗЫК	RUSSIAN	Unicode Windows 1251

Maintenance

Clean with a soft, dry cloth.
Do not use any type of abrasive pad, scouring powder or solvent such as alcohol or benzene.

Displays

NO TRACK PLAY	• There is no audio data in the player.
LOW BATTERY	• The battery is dead. Change the battery.
HOLD	• The HOLD switch is on.
FULL MEMORY	• Memory is full.
TRACK OVER	• You have tried to record more than 383 tracks into a play list.

Troubleshooting guide

Before requesting service, make the following checks. If you are in doubt about any of the check points, or if the solutions indicated in the chart do not solve the problem, consult your dealer.

No operation	<ul style="list-style-type: none"> The HOLD function is on. Replace the battery if it is dead.
No sound or there is a lot of noise	<ul style="list-style-type: none"> Ensure the earphone plug is inserted firmly. Wipe the plug clean with a clean cloth. Turn up the volume. Keep this unit away from mobile telephones.
Play doesn't resume from the track where I stopped play	<ul style="list-style-type: none"> This doesn't work if: You download, record, delete files, or change the battery. The random play mode is on.
Play doesn't start from the first track	<ul style="list-style-type: none"> The random play mode may be on. Play usually resumes from the track where you last stopped play. Use skip to return to the first track.
The unit stops working	<ul style="list-style-type: none"> Take the battery out for about 5 seconds, then reinsert it. RESET procedure <ol style="list-style-type: none"> Slide the HOLD switch to ON. Turn the unit on. Press -MODE 3 times. Press REC/STOP. <div>All the memories in the unit are deleted.</div>
The display is too dark or too light	<ul style="list-style-type: none"> Adjust the contrast. (→page 6)
Play doesn't start immediately	<ul style="list-style-type: none"> Depending on the amount of data in the unit, it may take some time for play to start after downloading / recording or changing the battery.

Care and use

- Leave some slack in the cord of the earphones and the neck lanyard if you wind them around the unit.
- Do not;
 - disassemble, remodel, drop, or allow the unit to get wet.
 - use or store in locations directly exposed to sunlight, corrosive gases, a heat vent, or a heating appliance.
 - use or store in humid or dusty locations.
 - use force to open the battery lid.
 - play your headphones or earphones at a high volume.

Batteries

- Do not peel off the covering on batteries and do not use if the covering has been peeled off.
- Align the poles + and - correctly when inserting batteries.
- Remove batteries if you do not intend to use the unit for a long time.
- Do not throw into fire, short-circuit, disassemble, or subject to excessive heat.
- Keep out of the reach of small children.
- Accidental swallowing of batteries can result in stomach and intestinal damage.

Allergies

Discontinue use if you experience discomfort with the earphones or any other parts that directly contact your skin. Continued use may cause rashes or other allergic reactions.

This product may receive radio interference caused by mobile telephones during use. If such interference is apparent, please increase separation between the product and the mobile telephone.

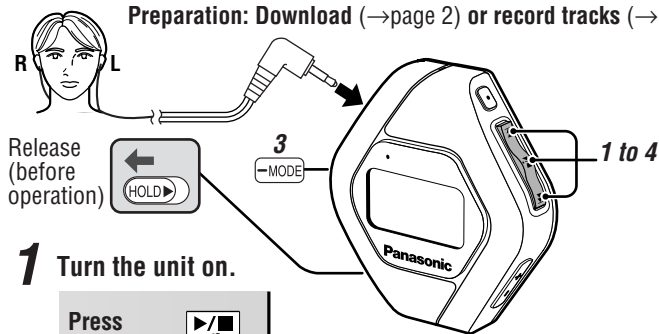
Caution:

- Use only the provided shielded interface cables when connecting to computer.
- To reduce risk of radio interference caused by headphone, earphone or microphone cable, only purchase accessories with cable length less than 3 m.

Playing tracks (MUSIC mode)

Do each step within 10 seconds

Preparation: Download (→page 2) or record tracks (→page 5)



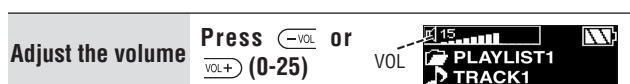
1 Turn the unit on.



The unit will highlight the mode last used.

2 Select MUSIC.

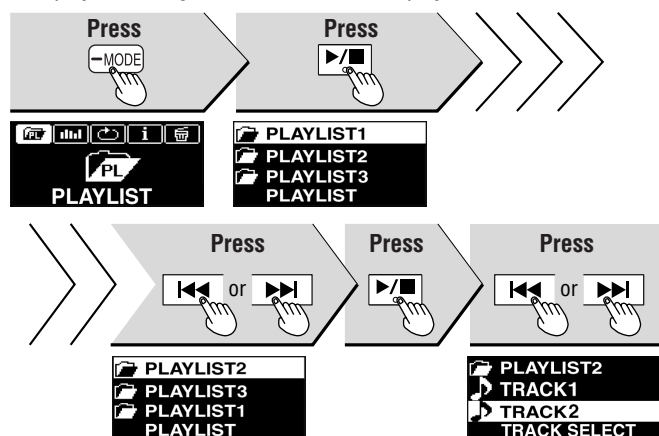
Skip this step if MUSIC is already selected.



Adjust the volume	Press [-VOL] or [VOL+] (0-25)	Screen display:
Setting mode Other modes	Press and hold [-MODE]	Skip Press [-MODE] backward forward
A-B repeat	Press [-MODE] at the start point (A) and once more at the end point (B). Press [-MODE] to cancel.	Stop Press [-MODE] Resume When you next press [-MODE] , play resumes from where you stopped it.
During play, press and hold	Press [-MODE] backward forward	POWER SAVE The power automatically turns off after about 15 seconds of inactivity. • This time period can be adjusted. (→page 6, "SYSTEM, AUTO OFF")

3 Select the play list.

• To play recordings, select an FM RADIO play list.



4 Start play.



Play stops at the end of the list.

Using the language learner (LEARN mode)

Do each step within 10 seconds

Preparation: Download the language learning model recording.

Select LEARN and use Play, Skip, Search, Stop, Resume, Off and change modes as you would in the MUSIC mode. (→ above)

Repeating and listening to model recordings (TRACE BACK)

Repeat and listen to the specified trace back segment.

1 Turn on the TRACE BACK function. (→ page 6, "LEARN, REPEAT SET").

2 During play, press **[-MODE]**.

3 Listen to the model recording.

Play goes back 6 seconds and repeats 3 times. The number of times to repeat and the trace back time can be changed. (→ page 6, "LEARN, REPEAT SET")



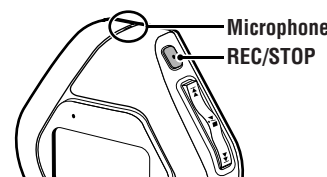
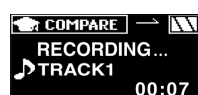
Comparing model recordings and your voice (COMPARE)

You can continuously play and compare pronunciation of the model recording with your recorded voice.

1 Start play.

2 Press **REC/STOP**.

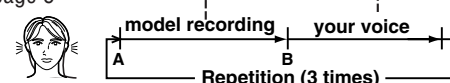
3 When "RECORDING" appears, speak into the microphone.



4 Press **REC/STOP**.

5 When "PLAYING" appears, listen to the model recording and your recorded voice.

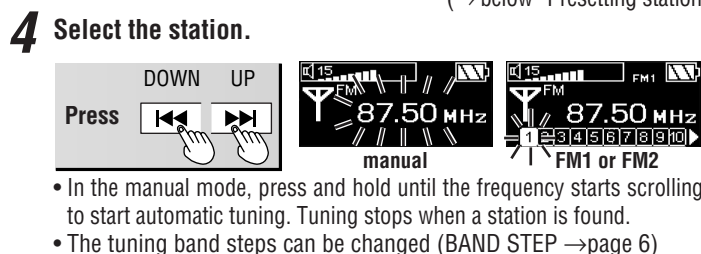
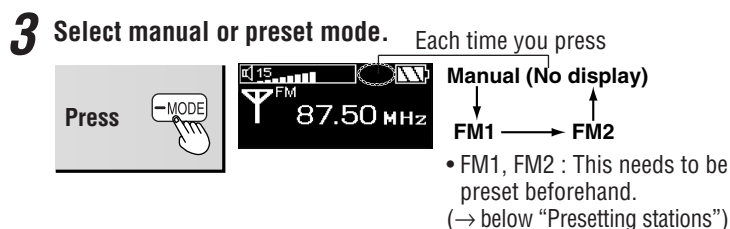
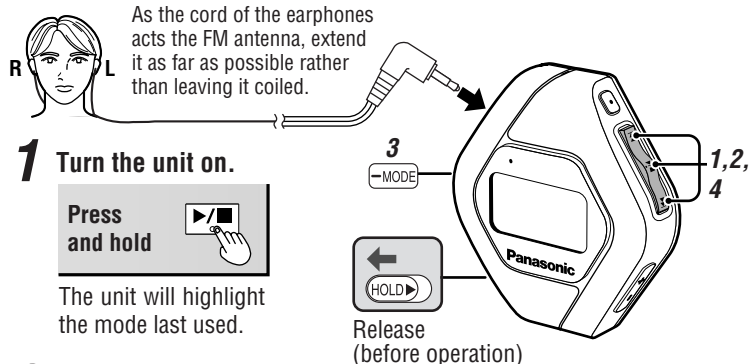
Both play continuously 3 times. The number of times it is repeated can be changed. (→ page 6 "LEARN, REPEAT SET")



Note • During TRACE BACK and A-B repeat function, if you press **REC/STOP**, the COMPARE function will not work.

Using the FM radio (FM RADIO mode)

Do each step within 10 seconds



Adjust the volume	Press [VOL-] or [VOL+] (0-25)
Setting mode	Press and hold [MODE]
Other modes	Press and hold [POWER]
Off	Press and hold [POWER]

Recording the radio

While listening to the station.



To play the recording

Select MUSIC mode, then select the FM RADIO play list. (→ page 4)

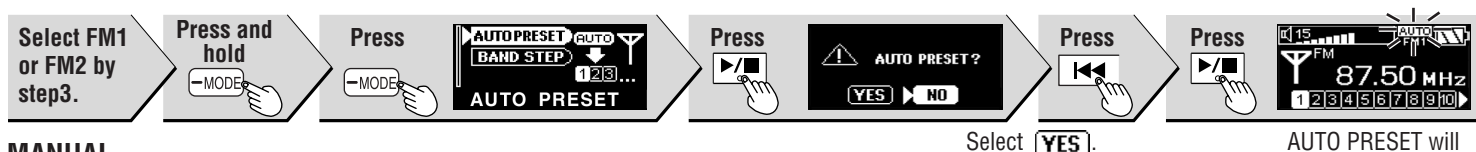
Show available time	Press [MODE]
Stop	Press [REC/STOP]

Presetting stations (FM1, FM2)

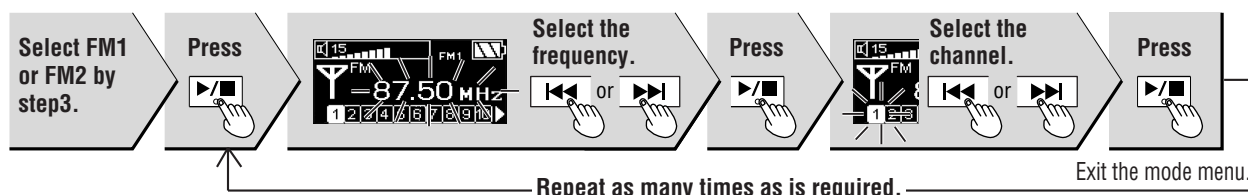
FM1: 20 stations can be stored.

FM2: 10 stations can be stored.

AUTO



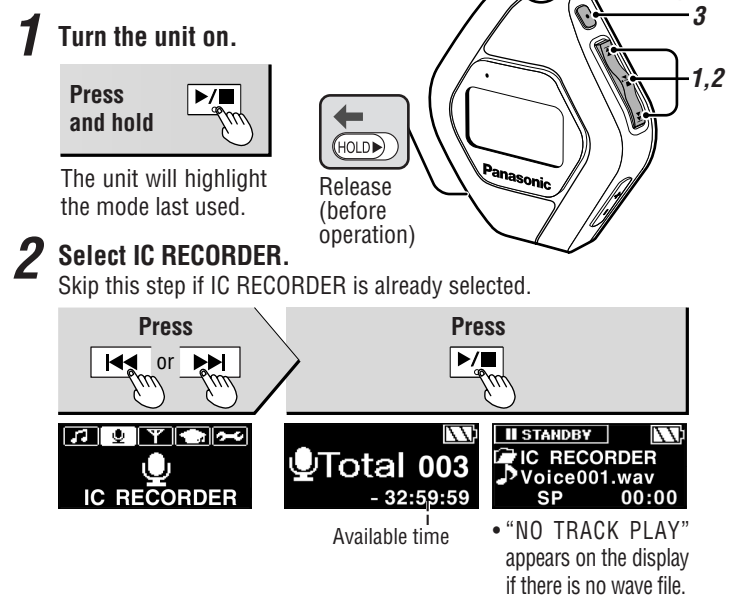
MANUAL



AUTO PRESET will start. The radio screen automatically returns when AUTO PRESET is finished.

Voice recording (IC RECORDER mode)

Do each step within 10 seconds



4 Speak into the microphone.

Show available time	Press [MODE]
Stop recording	Press [REC/STOP]
To play recorded tracks	Press [PLAY]
Setting mode	Press and hold [MODE]
Other modes	Press and hold [POWER]
Off	Press and hold [POWER]

- Skip and Search method is the same as MUSIC mode.
- The unit will turn off if left in standby mode for more than 5 minutes.

Setting mode

Do each step within 10 seconds

You can set various items in each mode.

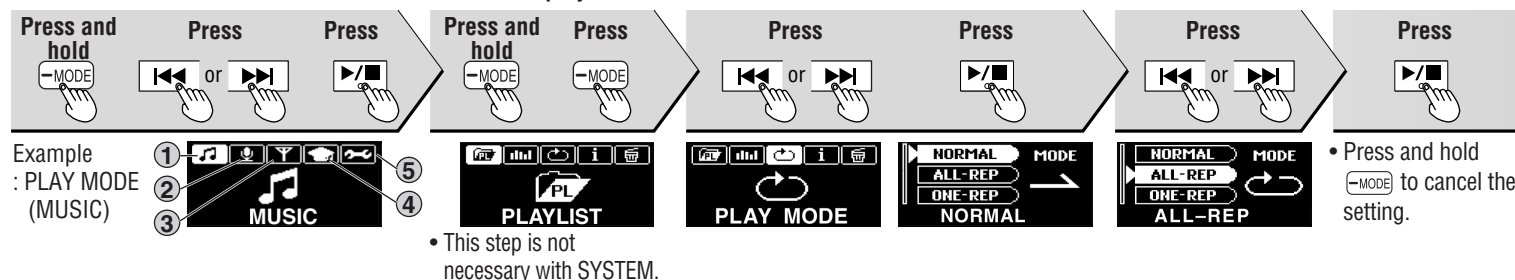
1. Select MODE

2. Settings for selected mode displayed.

3. Select the desired item

4. Set

5. Confirm



1 MUSIC

PLAYLIST

(→ page 4, MUSIC mode, step 3)

SOUND MODE



NORMAL: No change in sound
※: Switching REMASTER on/off is possible → below

ROCK: Adds impact

JAZZ: Adds club-like atmosphere

POP: Clarifies the treble range

CLASSIC: Adds concert hall-like atmosphere

USER DEFINE:

Adjust **BASS** and **TREBLE** between -12dB and +12dB

※: REMASTER (Digital Re-master)
You can regenerate signal frequency lost during compression, restoring the sound to near pre-compression form.
Press and then press to set on/off.

ON: Sound enhanced

OFF: Conserves battery life

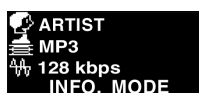
PLAY MODE



NORMAL: Normal play
ALL-REP: All tracks repeat in a list
ONE-REP: 1 track repeat
RANDOM: All tracks random repeat in a list.

INFO. MODE

Show artist and data information



ERASE MODE

Erasing



• When selecting ALL, press (YES) and press .

4 LEARN

PLAYLIST

(→ page 4, MUSIC mode, step 3)

PLAY MODE

(Same method as MUSIC)

※ However no RANDOM setting.

REPEAT SET



TIME: Number of times to repeat

TRACE: TRACE / A-B repeat

T.TIME: Number of seconds to trace

※ TRACE

Repeat and listen to the specified trace back segment.

※ A-B repeat

Play repeats between the two points.

5 SYSTEM

LANGUAGE

Changing the language in which track and play list titles are displayed



English, Chinese Tradition, Chinese Simple, Japanese, Korean, Russian

AUTO OFF

Setting the elapsed time before the power automatically turns off due to inactivity



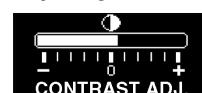
BACKLIGHT

Setting the duration the display will light when a button is pressed



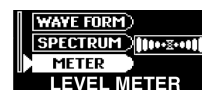
CONTRAST

Adjusting the screen contrast



SOUND GRAPHIC

Selecting the display graphic mode



SLEEP TIME

Setting the time the unit will automatically turn off

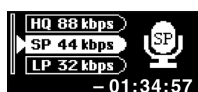


• The display will show ".zZ" when SLEEP is selected.

2 IC RECORDER

RECORD MODE

The record mode

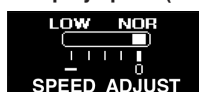


[Recording time guide (in hours)]
(Maximum hours available when player is empty of files.)

Mode	SV-MP 100V	SV-MP 110V	SV-MP 120V
HQ	3	6	12
SP	6	12	24
LP	9	18	36

SPEED MODE

The play speed (Low-Normal)



ERASE MODE

(Same method as MUSIC)

• There is no PLAYLIST.

3 FM RADIO

AUTOPRESET AUTO PRESET

(→page 5, FM RADIO mode, Presetting stations)

BAND STEP BAND STEP

The tuning band step



Converting the steps erases all preset stations.